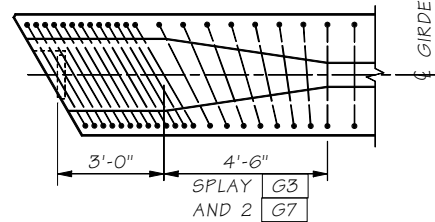


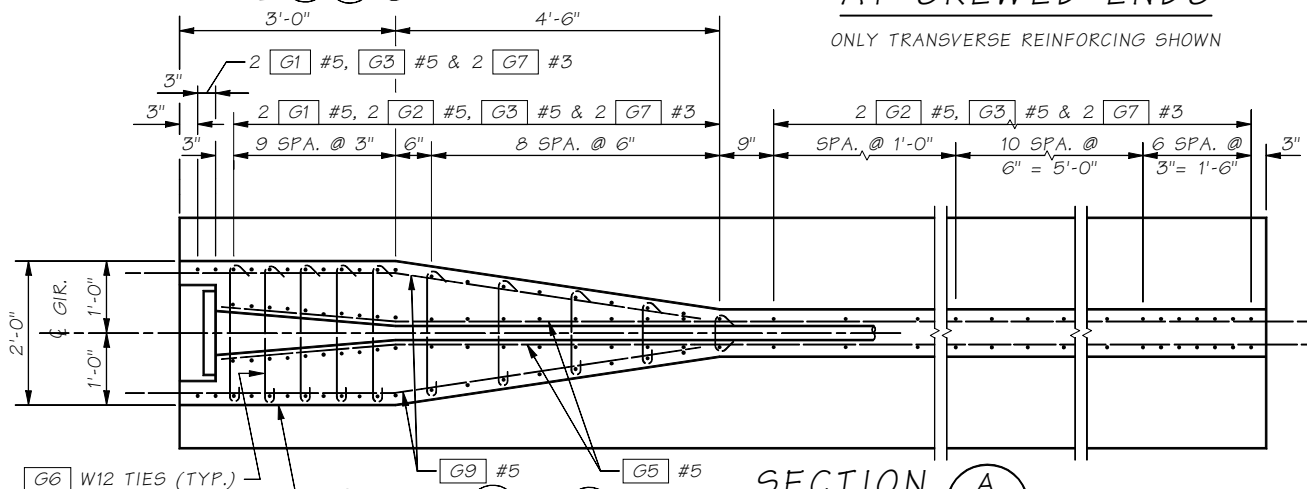
TYPICAL ELEVATION
AT END SEGMENT

END TYPE A SHOWN, OTHER END TYPES SIMILAR



TRANSVERSE REINFORCING
AT SKEWED ENDS

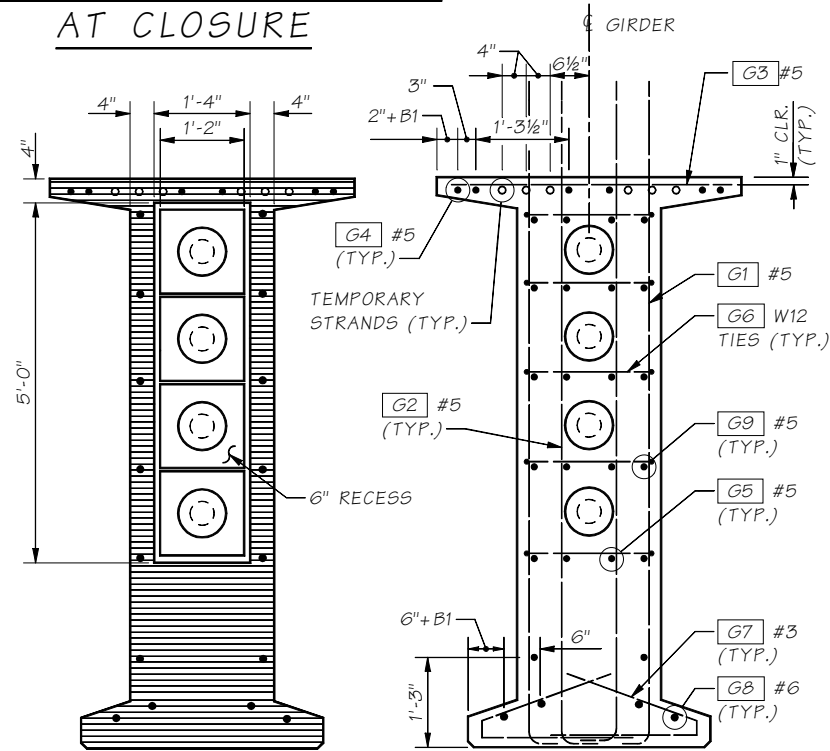
ONLY TRANSVERSE REINFORCING SHOWN



End block may be eliminated if PT anchorages are placed in the cast-in-place diaphragm.

SECTION A

TYPICAL END ELEVATION
AT CLOSURE

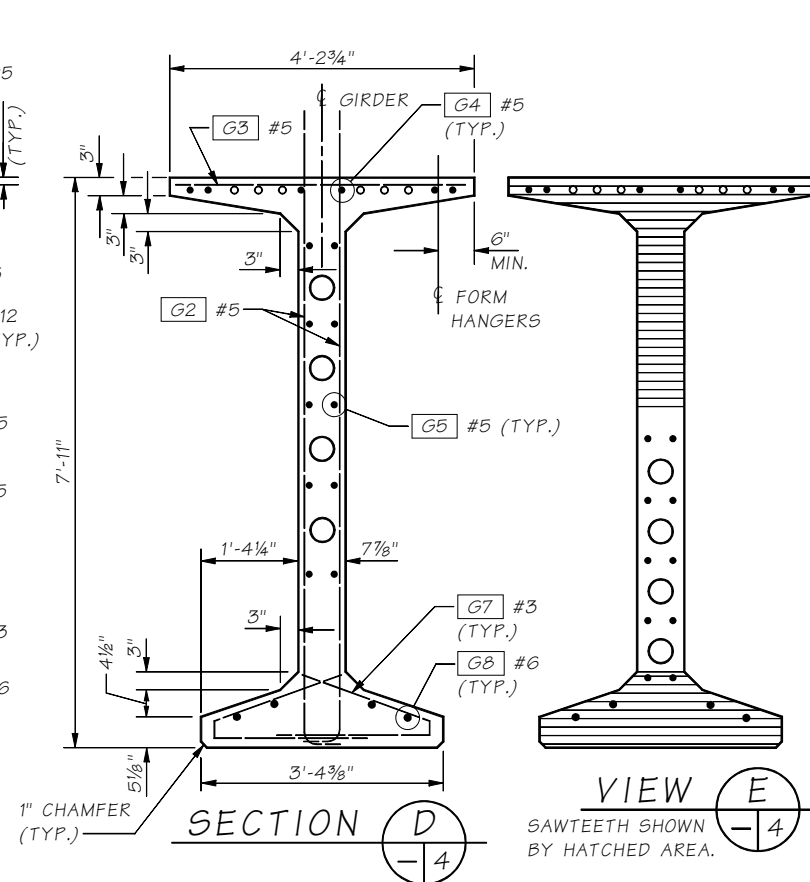


VIEW B

SAWTEETH SHOWN BY HATCHED AREA.

SECTION C

FOR "B1" SEE GIRDER DETAILS 3 OF 5



SECTION D

VIEW E

SAWTEETH SHOWN BY HATCHED AREA.

PRE-TENSIONING NOTES

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE [½"Ø OR 0.6"Ø] LOW RELAXATION STRANDS (AASHTO M203 GRADE 270.)
3. FOR END TYPES A, C, D AND E CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS AS SHOWN. FOR END TYPE B CUT ALL STRANDS 1" BELOW CONCRETE SURFACE AND GROUT WITH AN APPROVED EPOXY GROUT.
4. THE TOP SURFACE OF THE GIRDER FLANGE SHALL BE ROUGHENED IN ACCORDANCE WITH SECTION 6-02.3(25)H OF THE STANDARD SPECIFICATIONS.
5. LIFTING EMBEDMENTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 6-02.3(25)L OF THE STANDARD SPECIFICATIONS. CONTRACTOR TO DESIGN OTHER LIFTING MECHANISM IF THE GIRDER SECTION WEIGHT EXCEEDS 200 KIPS.
6. CAUTION SHALL BE EXERCISED IN HANDLING AND PLACING GIRDERS. ALL GIRDERS SHALL BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPPING. ONCE ERECTED, ALL GIRDERS SHALL BE BRACED Laterally TO PREVENT TIPPING UNTIL THE DIAPHRAGMS ARE CAST AND CURED.
7. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS TO NOT CAUSE DAMAGE TO THE GIRDER DURING THE STRAND RELEASE OPERATION.

Bridge Design Engr.	M. STANDARDS	Girders	T Wide Flange	WF95PTG2.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor					10	WASH.			
Designed By									
Checked By									
Detailed By									
Bridge Projects Engr.									
Prelim. Plan By									
Architect/Specialist	DATE	REVISION	BY	APPD					

Tue Apr 29 13:47:27 2008

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

STANDARD
PRESTRESSED CONCRETE GIRDERS

WF95PTG SPLICED GIRDER
DETAILS 2 OF 5

BRIDGE
SHEET NO.
SHEET
OF
SHEETS